(nev. 6-93)	04-01-2002 IEET Patent and Trademark Office
	102038636 , inal documents or copy thereof. o
1. Name of conveying party(ies): Amit Goyal 3 - 19 - 0 Z	2. Name and address of receiving party(ies): Name: UT-BATTELLE, LLC
Additional name(s) of conveying party(ies) attached? □Yes ■No 3. Nature of conveyance:	Address: P.O. Box 2008 M.S. 6498 Oak Ridge, TN 37831-6498
■ Assignment □ Merger □ Security Agreement □ Change of Name □ Other	Additional name(s) & address(es) attached? ☐ Yes ■ No
Execution Date(s): 3/15/02	
A. Patent Application No.(s)	ion, the execution date of the application is: 3/19/02 B. Patent No.(s)
10,101218	
Additional numbe	rs attached? □ Yes ■ No
 Name and address of party to whom correspondence concerning document should be mailed: 	6. Total number of applications and patents involved:
Name: Gregory A. Ne son	7. Total Fee (37 CFR 34)\$ 40.00
Internal Address:	_ □ Enclosed
	■ Authorized to be charged to deposit account
Street Address: AKERMAN SENTERFITT 222 Lakeview Avenue, Suite 400 West Palm Beach, FL 33401	8. Deposit account number 50-0951
	(Attach duplicate copy of this page if paying by deposit account)
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9. Statement and signature To the best of my knowledge and belief, the foregottrue copy of the original decument.	oing information is true and correct and any attached copy is a
# 46,803	03/19/12
Meil R. Jetter	Date Total number of pages including sever cheets (1)
AA 11 1	Total number of pages including cover sheet:
Commissioner of Patent	d with required cover sheet information to: is and Trademarks, Box Assignments ington, D.C. 20231

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EXPRESPATE NT920521985US

REEL: 012722 FRAME: 0960

ASSIGNMENT

WHEREAS, I, the below-named inventor whose residence and post office is as stated below, have invented certain new and useful improvements in an

METHOD OF DEPOSITING EPITAXIAL LAYERS ON A SUBSTRATE

(hereinafter referred to as "Subject Invention") for which an application for United States Letters Patent was executed by me on even date herewith, and

WHEREAS, UT-BATTELLE, LLC, a limited liability company of the State of Tennessee, having an office at 111-B Union Valley Road, P.O. Box 2008, Oak Ridge, Tennessee 37831-6498 (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the right, title, and interest of the undersigned in the Subject Invention and to any Letters Patent that may be granted therefore in the United States of America and in any and all foreign countries.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby assign to ASSIGNEE my entire right, title, and interest in the Subject Invention, to all rights of priority thereto pursuant to the International Convention for the Protection of Industrial Property, and in any Letters Patent on the Subject Invention that may be granted in the United States of America and in any and all foreign countries, including any and all Letters Patent that are divisions, reissues, continuations, substitutions or extensions of any Letters Patent or applications therefore on the Subject Invention.

I hereby authorize and request the Commissioner of the United States Patent and Trademark Office and the officials of any and all foreign countries to issue any and all of said Letters Patent, when granted, to the ASSIGNEE.

Further, I hereby agree to communicate to said ASSIGNEE or its representatives any facts known to me respecting said Subject Invention, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, substitution, renewal and reissue applications, to execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, and to make all rightful oaths and generally do everything possible to aid said ASSIGNEE and its representatives to obtain and enforce proper protection for said Subject Invention in the United States of America and in any and all foreign countries.

I further agree that the terms, covenants and conditions of this assignment shall inure to the benefit of ASSIGNEE, its successors, assigns, and legal representatives, and shall be binding on me, my heirs, legal representatives, and assigns.

EXPRESS MAIL #EL920521985US

Full name of first inventor: Amit Goyal	
Inventor's Signature:	Date:
Address: 309 Broome Rd ; # 19-E; Knoxville	; TN -37923
State of TN (County of KNOX)	
On this 15 day of March, 2002, before me, a Notary Pu and State aforesaid, appeared Amit Goyal, to me personally known to be the subscribed to the foregoing instrument, and acknowledged that he executed said voluntary act and for the uses and purposes therein expressed.	ame person whose name is
WITNESS my hand and seal the day and year last above given.	
Notary Public Finney	

SEAL

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{WP077825;1}

My Commission Expires: May 22, 2005