7	· 05-12-2003 =	
PTO-1595 RECORDATION FO To the Honorable Commissioner Please record the attached orig	s	ATENTS ONLY eof.
	102445069	
1. Name of conveying party(ies) 5/72	2. Name and address of receiving	party(ies):
Nick Holonyak, Jr.	Name: The Board of Trustees of University of Illinois	-
	chiverbity of fiffings	OIFE
Additional name(s) of conveying party(ies) attached? <u>Yes X</u> No	Address: 506 South Wright Stree Urbana, Illinois 6180	MAY 0 5 2003
3. Nature of conveyance		Careniabis
	Additional name(s) attached?	Yes X No
Other		
Execution Date: January 23, 2003		
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 No.(s)	B. Patent No.(s)	
10/330,692		
Additional numbers attachedYes <u>X</u> No		
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total Number of applications a patents involved: 1	and
Name: Martin Novack	7. Total fee (37 CFR 3.41)	\$ 40
Address: 16355 Vintage\Oaks Lane	X Enclosed	
Delray Beach FL 33484	Authorized to be charged account	to deposit
.70.8021 <b>40.00 ₫</b> /	8. Deposit account number:	
	(duplicate copy attached)	
	THE CONTRACT	
DO NOT USE	THIS SPACE	
9. Statement and signature.  To the best of my knowledge and belief, the fo copy is a true copy of the original document.  Martin Novack  Name of Person Signing  Signature	this prack May	ny attached
Total number of pages including cover sheet, attachments and document: 3		

PATENT REEL: 014041 FRAME: 0190

## ASSIGNMENT

WHEREAS, I, Nick Holonyak, Jr., hereinafter referred to as the "Inventor", a citizen of USA residing in the State of Illinois, have, together with Russell Dupuis, invented certain new and useful improvements in "Semiconductor Devices And Methods" as described and set forth in a U.S. Patent Application Serial No. 10/330,692, filed on December 27, 2002.

AND WHEREAS, The Board Of Trustees Of The University Of Illinois, hereinafter referred to as the "said UNIVERSITY", a corporation duly organized, incorporated and existing under the laws of the State of Illinois and having a place of business at 506 South Wright Street, Urbana Illinois 61801, is desirous of acquiring or confirming its acquisition of my entire right, title and interest in and to said invention, inventions or improvements, and in and to any patent applications that may be filed thereon, and in and to any and all patents, both of the United States and of all foreign countries, that may be obtained therefor:

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that I, the Inventor, for good and valuable consideration, the receipt and sufficiency of which I hereby acknowledge, have sold, assigned, transferred and conveyed, and by this assignment do sell, assign, transfer and convey, unto said UNIVERSITY, its successors and assigns, my entire right, title and interest throughout the world, in and to my invention, inventions or improvements described or set forth in said application, in any form or embodiment thereof, and in and to any applications filed in the United States or any foreign country based thereon, including the right to file foreign applications under the provisions of any convention or treaty; and in and to any confirmation, divisional, continuation, continuation-in-part, or substitute application which may be filed on said invention, inventions or improvements in the United States or in any foreign country; and in and to any and all patents, certificates, utility models, reissues, extensions, additions or confirmations thereof which may be granted in the United States or in any foreign country upon said invention, inventions or improvements TO HAVE AND TO HOLD the same to the full end of the term or terms for which any and all such United States and foreign patents and grants may be issued on said invention, inventions, or improvements.

1

AND I do hereby authorize and request the issuing authority to issue any and all of said United States and foreign patents on said invention, inventions, or improvements to said UNIVERSITY, its successors and assigns, as the assignee of my entire right, title and interest in and to the same, for the sole use and benefit of said UNIVERSITY, its successors and assigns.

AND I do hereby covenant and warrant that I have full right to convey my entire right, title and interest herein assigned free and clear of all licenses, encumbrances and liens whatsoever, and that I have not executed and will not execute any instruments in conflict herewith.

AND I do hereby covenant and agree to and with the said UNIVERSITY, its successors and assigns, that I, my executors, administrators, or other personal representatives, will do all lawful acts and things, make all rightful oaths, and make, execute, and deliver any and all other instruments in writing, and any and all further applications, papers, powers, affidavits, assignments, disclaimers and other documents, which in the opinion of counsel for said UNIVERSITY, its successors and assigns, may be required or necessary in this or in any foreign country more effectually to secure to and vest in said UNIVERSITY, its successors and assigns, my entire right, title and interest in and to said invention, inventions or improvements, application or applications, patents, rights, titles, benefits, privileges and advantages hereby sold, assigned, confirmed, transferred and conveyed.

IN WITNESS WHEREOF, I have hereunto set my hand on the date indicated.

Witness

1/23/23

Date

(R-30)

"OFFICIAL SEAL" VICKI L. BROWN

NOTARY PUBLIC, STATE OF ILLINOIS MY COMMISSION EXPIRES 2-3-2006

RECORDED: 05/06/2003

inventor: Nick Holonyak,

23 Jan 2003

Date

2