08-29-2001 B/O FORM PTO-1595 (Rev. 4/00) U.S. Department of Commerce Patent and Trademark Office 101826881 To the Commissioner for Patents. Please record the attached original documents or copies thereof. 1. Name of Conveying Party(ies). 2. Name and Address of Receiving Party(ies): Thomas GRASSL Name: Giesecke & Devrient GmbH Internal Address: Street Address: Prinzregentenstrasse 159, Additional names of conveying parties attached. 3. Nature of Conveyance: City, State, Zip: D-81677 Munchen, Germany ⊠Assignment □ Merger ☐ Security Agreement ☐ Change of Name Other: Execution Date: July 21, 2001 ☐ Additional name(s) and address(es) attached. 4. (A) Patent Application Number(s): 4. (B) Patent Number(s): 09/856,250 If this document is being filed together with a new application, the execution date of the application is: ☐ Additional Numbers Attached 5. Name and Address of Party to whom Correspondence Concerning this Total Number of Applications and Document Should be Mailed: Patents Involved: Name: J. Ernest Kenney 7. Total Fee: \$40.00

(37 CFR 3.41)

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J. Ernest Kenney

Name of Person Signing

Bacon & Thomas, PLLC

Alexandria, VA 22314

625 Slaters Lane Fourth Floor

To the best of my knowledge and belief, the foregoing is true and correct and

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Address:

9. Statement and Signature:

August 15, 2001

Date

UTILITY - US ONLY - WITNESS

## ASSIGNMENT

WHEREAS, I (we), Thomas GRASSL

whose post office address(es) appear(s) below, hereinafter referred to as ASSIGNOR, is(are) the owner of certain new and useful improvements in METHOD FOR PRODUCING AN INTEGRATED CIRCUIT PROCESSED ON BOTH SIDES

designating the United States of America		FC1/EF99/0001/	med. 17 November 1999
⊠ established by PCT International Patent Ar	anlication No.	PCT/EP99/08817	filed: 17 November 1999
☑ filed on: 18 May 2001	Serial No: 09	9/856,250	
□ executed on:			
□ executed on even date herewith			

(hereinafter referred to as the INVENTION) for which an application for United States Letters Patent was

## WHEREAS. Giesecke & Devrient GmbH

whose post office address is Prinzregentenstrasse 159, D-81677 Munchen, Germany

hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the same in the United States;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I (we), ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application.

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) in the United States for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and communicate to ASSIGNEE at ASSIGNEE's request documents and information concerning the INVENTION that are within ASSIGNOR's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's heirs, executors, administrators and other legal representatives.

ALSO, ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use and behoof; and for the use and behoof of ASSIGNEE's legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR authorizes any member of the firm of *Bacon & Thomas*, *PLLC* to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office.

Assignor Name Thomas GRASSL Where Signed Tyeisika	Ganzenmüllerstrasse 6, D-85354 Freising Versany		
Date 21-07-01 Witness (optional)	Signature  Witness (optional)  AUG 2 0 200  TC 1700		
Print/Type Name	Print/Type Name		
Signature	Signature		

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RECORDED: 08/20/2001

PATENT REEL: 012104 FRAME: 0827