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Substitute Form PTO-1595  
Attorney Docket No.: 07927-033001  
Client's Ref. No.: MAXIM-279

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Commissioner for Patents: Please record the attached original document(s) or copy(ies).	
1. Name of conveying party(ies): Alexander Kalnitsky, Sang Park and Sudarsan Uppili Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): Maxim Integrated Products, Inc. 120 San Gabriel Drive Sunnyvale, CA 94086 Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: 11/06/2001	
4. Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application is: A. Patent Application No(s): 09/928,914 B. Patent No(s): Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name/address of party to whom correspondence concerning document should be mailed: STEPHEN R. SCHAEFER Fish & Richardson P.C., P.A. 60 South Sixth Street Suite 3300 Minneapolis, MN 55402	6. Total number of applications/patents involved: 1 7. Total fee (37 CFR §3.41): \$40 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to charge Deposit Account. 8. Deposit Account No.: 06-1050 Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.
DO NOT USE THIS SPACE	
9. Statement and Signature: <i>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.</i>  Stephen R. Schaefer Reg. No. 37,927 Name of Person Signing   Signature  12 Dec. 2001 Date  Total number of pages including coversheet, attachments and document: 5	

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I hereby certify under 37 CFR §1.10 that this correspondence is being deposited with the United States Postal Service as Express Mail Post Office to Addressee with sufficient postage on the date indicated below and is addressed to the U.S. Patent and Trademark Office, P.O. Box 2327, Arlington, VA 22202.

December 12, 2001  
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Vince Defante  
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PATENT  
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## ASSIGNMENT

For valuable consideration, we, ALEXANDER KALNITSKY of 10095 N.W. Fleetwood Drive, Portland, OR 97229, SUDARSAN UPPILI of 3359 N.W. 123<sup>rd</sup> Place, Portland, OR 97229, SANG PARK of 3632 S.E. Washington Street, Portland, OR 97214, hereby assign to: MAXIM INTEGRATED PRODUCTS, INC., a corporation having a place of business at: 120 San Gabriel Drive, Sunnyvale, CA 94086; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled SEMICONDUCTOR TRANSISTOR HAVING A POLYSILICON EMITTER AND METHODS OF MAKING THE SAME, filed August 13, 2001, and assigned U.S. Serial Number 09/928,914, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at Beaverton, OR,  
this 6 day of November, 2001  
Alexander Kalnitsky L.S.  
ALEXANDER KALNITSKY

State of \_\_\_\_\_ :  
: SS.  
County of \_\_\_\_\_ :

Before me this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, personally  
appeared ALEXANDER KALNITSKY known to me to be the person whose name is subscribed  
to the foregoing Assignment and acknowledged that he executed the same as his free act and  
deed for the purposes therein contained.

\_\_\_\_\_  
Notary Public  
My Commission Expires:

[Notary's Seal Here]

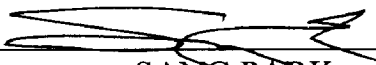
IN WITNESS WHEREOF, I hereto set my hand and seal at Beaverton, OR,  
this 6 day of November, 2001  
Sudarsan Uppili L.S.  
SUDARSAN UPPILI

State of \_\_\_\_\_ :  
: SS.  
County of \_\_\_\_\_ :

Before me this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, personally  
appeared SUDARSAN UPPILI known to me to be the person whose name is subscribed to the  
foregoing Assignment and acknowledged that he executed the same as his free act and deed for  
the purposes therein contained.

\_\_\_\_\_  
Notary Public  
My Commission Expires:

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at Beaverton, OR,  
this 6th day of November, 2001  
  
\_\_\_\_\_  
SANG PARK L.S.

State of \_\_\_\_\_ :  
: ss.  
County of \_\_\_\_\_ :

Before me this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, personally  
appeared SANG PARK known to me to be the person whose name is subscribed to the foregoing  
Assignment and acknowledged that he executed the same as his free act and deed for the  
purposes therein contained.

\_\_\_\_\_  
Notary Public

My Commission Expires:

[Notary's Seal Here]

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