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DISCLAIMER IN PATENT UNDER 37 CFR 1.321(a)					
Name of Patentee ACORN SEMI, LLC	Docket Number (Optional) 3771-0003-DC7				
Patent Number Date Patent Issued 10/04/2016					
Title of Invention METHOD FOR DEPINNING THE FERMI LEVEL OF A S JUNCTION AND DEVICES INCORPORATING SUCH JUNCTION AND DEVICES AN					
I hereby disclaim the following complete claims in the above identified	d patent: 4, 5, and 13				
The extent of my interest in said patent is (if assignee of record, state assignment is recorded): 100 percent reel/frame: 049602/0324	e liber and page, or reel and frame, where				
The fee for this disclaimer is set forth in 37 CFR 1.20(d).					
Patentee claims small entity status. See 37 CFR 1.27.					
Small entity status has already been established in this case,	and is still proper.				
A check in the amount of the fee is enclosed.					
Payment by credit card. Form PTO-2038 is attached.					
The Director is hereby authorized to charge any fees which moverpayment to Deposit Account No	ay be required or credit any				
WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
Signed at San Jose State of California , t	his 14th day of October 20 20 .				
/Tarek N. Fahmi/	41,402				
Signature	Registration Number, if applicable				
Tarek N. Fahmi	866-877-4883				
Typed or printed name of patentee/ attorney or agent of re	ecord Telephone Number				
2150 N First Street, Suite 420					
Address					
San Jose, CA 95131  City, State, Zip Code or Foreign Co	untry as applicable				
Sity, State, Zip Code of Poleigh Co	ωπι γ αο αρμποασιο				

This collection of information is required by 37 CFR 1.321. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.** 

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Electronic Acknowledgement Receipt				
EFS ID:	40839538			
Application Number:	15048893			
International Application Number:				
Confirmation Number:	8216			
Title of Invention:	METHOD FOR DEPINNING THE FERMI LEVEL OF A SEMICONDUCTOR AT AN ELECTRICAL JUNCTION AND DEVICES INCORPORATING SUCH JUNCTIONS			
First Named Inventor/Applicant Name:	Daniel E. Grupp			
Customer Number:	27571			
Filer:	Tarek N. Fahmi/Sarah Zizzo			
Filer Authorized By:	Tarek N. Fahmi			
Attorney Docket Number:	3771-0003-DC7			
Receipt Date:	14-OCT-2020			
Filing Date:	19-FEB-2016			
Time Stamp:	12:02:07			
Application Type:	Utility under 35 USC 111(a)			

# **Payment information:**

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Payment was successfully received in RAM	\$170
RAM confirmation Number	E20200DC02250474
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#### File Listing: **Document** File Size(Bytes)/ Multi **Pages Document Description File Name** Number **Message Digest** Part /.zip (if appl.) 577025 3771-0003-2 1 Statutory disclaimers per MPEP 1490 no DC7\_sb0043\_9461167.pdf 9676231ed7cebf554b750b5742e60a5ea Warnings: Information: 30626 2 2 Fee Worksheet (SB06) fee-info.pdf no 4745e8f30270eefc21223c0c93a01b04225 Warnings: Information: **Total Files Size (in bytes):** 607651

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

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If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

### National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

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Electronic Patent Application Fee Transmittal					
Application Number:	15048893				
Filing Date:	19-Feb-2016				
Title of Invention:		METHOD FOR DEPINNING THE FERMI LEVEL OF A SEMICONDUCTOR AT AN ELECTRICAL JUNCTION AND DEVICES INCORPORATING SUCH JUNCTIONS			
First Named Inventor/Applicant Name:	Daniel E. Grupp				
Filer:	Tarek N. Fahmi/Sarah Zizzo				
Attorney Docket Number:	3771-0003-DC7				
Filed as Small Entity					
Filing Fees for Utility under 35 USC 111(a)					
Description		Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:					
Pages:					
Claims:					
Miscellaneous-Filing:					
Petition:					
Patent-Appeals-and-Interference:					
Post-Allowance-and-Post-Issuance:					
Extension-of-Time:					IDD2020 04205
Page 5 of 6					IPR2020-01205 Samsung v. Acorr

IPR2020-01205 Samsung v. Acorn Acorn Ex. 2003

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Miscellaneous:				
STATUTORY OR TERMINAL DISCLAIMER	2814	1	170	170
	Tot	170		